**ASSIGNMENT 12: File Handling & Exception Handing**

**1.Write a java program to concatenate a given string with itself of a given no of times**

**import** java.util.Scanner;

**public** **class** Concatenate {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the String");

String str=sc.next();

System.***out***.println("How many times You want to repeat");

**int** n=sc.nextInt();

**for**(**int** i=1;i<=n;i++)

{

System.***out***.println(str.concat(" "+str));

}

}

}

**Output:**

Enter the String

HELLO

How many times You want to repeat

3

HELLO HELLO

HELLO HELLO

HELLO HELLO

**2.Write a java program to count occurrences of certain character in a given string**

**import** java.util.Scanner;

**public** **class** Count {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the String");

sc.nextLine();

String str=sc.nextLine();

System.***out***.println("Enter the character to search");

**char** ch=sc.next().charAt(0);

**int** count=0;

**char**[]array=str.toCharArray();

**for**(**int** i=0;i<array.length;i++)

{

**if**(ch==array[i])

count++;

}

System.***out***.println("occurence of '"+ch+"' : "+count+" times");

sc.close();

}

**Output:**

Enter the String

HELLO

Enter the character to search

L

occurence of 'L' : 2 times

**3.Write a java program to compare a two given strings v. Two strings are lexicographically equal if they are the same length and contain the same character in the same position.**

**import** java.util.Scanner;

**public** **class** Lexicographically {

**public** **static** **void** main(String[] args) {

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("enter the first string");

String str=sc.next();

System.***out***.println("Enter the second string");

String str1=sc.next();

**int** count=0;

**char**[]array=str.toCharArray();

**char**[]array1=str1.toCharArray();

**for**(**int** i=0;i<array1.length;i++)

{

**if**(array[i]==array1[i])

{

count++;

}

}

**if**(count==array.length)

{

System.***out***.println("equal");

}

**else**

{

System.***out***.println("not equal");

}

}

}

**Output1:**

enter the first string

Akash

Enter the second string

Akash

Equal

**Output12:**

enter the first string

Akash

Enter the second string

Akass

not equal

**4 .Polymens a famous news editor, has daily responsibility of deciding which news stories are**

**printed in the paper. Before that he wants to verify all the words are spelled in a right way.**

**Incase of any misspelled word found, he has to replace it throughout the document without**

**any fail. Polymens needs an application to make his find and replace job easier.**

**Implement the given scenario and code accordingly.**

**import** java.util.Scanner;

**public** **class** FindAndReplace {

**public** **static** **void** main(String[] args) {

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the string");

String str=sc.nextLine();

System.***out***.println("Enter the word to be searhed");

String str1=sc.nextLine();

System.***out***.println("Enter the word tobe replaced");

String str2=sc.nextLine();

**try** {

**if**(str.contains(str1))

{

System.***out***.println(str.replace(str1,str2));

}

**else**

{

System.***out***.println(str1+" not found");

}

}

**catch**(Exception e)

{

System.***out***.println("Error");

}

}}

**Output:**

Enter the string

Have a nice day

Enter the word to be searhed

nice

Enter the word tobe replaced

good

Have a good day